

01/04/02
JC698 U.S. PTO

The Law Offices of Eugene M Lee, PLLC
1101 Wilson Boulevard, Suite 2000
Arlington, Virginia 22209

JC879 U.S. PTO
10/035247
01/04/02



TO: Assistant Commissioner for Patents
Box Patent Applications
Washington D.C. 20231

Attorney Docket No. **262/009**

UTILITY PATENT APPLICATION TRANSMITTAL
(new nonprovisional applications under 37 CFR 1.53(b))

Transmitted herewith for filing is the patent application of:

INVENTOR(S): Sang Hyun YI; Young Nam KIM

**TITLE: SEMICONDUCTOR DEVICE HAVING NO CRACKS IN ONE
OR MORE LAYERS UNDERLYING A METAL LINE LAYER
AND METHOD OF MANUFACTURING THE SAME**

In connection with this application, the following are enclosed:

APPLICATION ELEMENTS:

X Specification, Claims, Abstract - 21 TOTAL PAGES

(preferred arrangement:)

- Descriptive Title of the Invention
- Cross Reference to Related Applications
- Statement Regard Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

X Drawings - Total Sheets 17 (depicting Figures 1, 2A, 2B, 3A, 3B, 4A, 4B, 4C, 4D,
and 5-1.6.)

☒ Declaration and Power of Attorney - Total Sheets 2

☒ Newly executed (original)

☐ Copy from a prior application (37 CFR 1.63(d))

(relates to continuation/divisional boxes completed) - NOTE: Box below

☐ **DELETION OF INVENTOR(S)** - Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

☐ **Incorporation By Reference** (useable if copy of prior application Declaration being submitted)

The entire disclosure of the prior application, from which a COPY of the oath or declaration is supplied as noted above, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

☐ Microfiche Computer Program (Appendix)

☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

☐ Computer Readable Copy

☐ Paper Copy (identical to computer copy)

☐ Statement verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

☒ Assignment Papers (cover sheet & document(s))

☐ 37 CFR 3.73(b) Statement (when there is an assignee)

☐ English Translation Document (if applicable)

☒ Information Disclosure Statement(IDS) with PTO-1449. ☒ Copies of IDS Citations

☐ Preliminary Amendment

☒ Return Receipt Postcard (MPEP 503)

☐ Small Entity Statement(s)

☐ Statement file in prior application, status still proper and desired.

☒ Certified Copy of Priority Document(s) with Claim of Priority (if foreign priority is claimed).

☒ OTHER: Deposit Account Charge Authorization [Deposit Account No. 5-01654]

If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application Serial No. ____.

☐ Amend the specification by inserting before the first line the following sentence:

-- This application is a ☐ continuation, ☐ divisional or ☐ continuation-in-part of application Serial No. ___, filed ___. --

CORRESPONDENCE ADDRESS:

The Law Offices of Eugene M Lee, PLLC - address noted above.
Telephone: (703) 525-0978
Fax Number: (703)-525-4265

FEE CALCULATIONS:

(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$ 740.00
Total Claims	28 - 20 =	8	x \$18	144.00
Independent Claims	7 - 3 =	4	x \$84	336.00
Multiple Dependent Claims			\$280	-
Assignment Recording Fee per property			\$40	40.00
TOTAL FEE:				\$ 1,260.00

METHOD OF PAYMENT:

Authorization is hereby given to charge payment of the statutory filing and assignment recordation fees to Deposit Account No. 5-01654.

Respectfully submitted,



Eugene M. Lee
Reg. No. 32,039

Date: January 4, 2002

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

CHANGE OF CORRESPONDENCE ADDRESS *Application*

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

Application Number

Filing Date

January 4, 2002

First Named Inventor

YI

Art Unit

Examiner Name

Attorney Docket Number

262/009

Please change the Correspondence Address for the above-identified app
to:

☐

Customer Number

27849

Type Customer Number here



27849

PATENT TRADEMARK OFFICE

OR

☐Firm or
Individual Name

The Law Offices of Eugene M. Lee, P.L.L.C.

Address

1101 Wilson Boulevard, Suite 2000

Address

City

Arlington

State

VA

ZIP

22209

Country

US

Telephone

703.525.0978

Fax

703.525.4265

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the :

☐

Applicant/Inventor.

☐

Assignee of record of the entire interest.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☒

Attorney or Agent of record.

☐

Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number _____

Typed or Printed
Name

Eugene M. Lee, Reg. No. 32039

Signature

Date

January 4, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐

*Total of _____ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.